

AMENDED

APPLICATION FOR PERMIT TO APPROPRIATE THE PUBLIC WATERS OF THE STATE OF NEVADA

Date of filing in State Engineer's Office OCT 11 1989
 Returned to applicant for correction NOV 27 1989
 Corrected application filed DEC 26 1989
 Map filed DEC 26 1989

The applicant Leighton and Associates, Inc.
3050 Daimler Street, Suite A, of Santa Ana,
Street and No. or P.O. Box No. City or Town
California 92705, hereby make application for permission to appropriate the public
State and Zip Code No.
 waters of the State of Nevada, as hereinafter stated. (If applicant is a corporation, give date and place of incorporation; if a copartnership or association, give names of members.) 8/9/74-California ID #95-2899975

- The source of the proposed appropriation is underground/semi-perched water zone at the
Name of stream, lake, spring, underground or other source
approximate depth of 20 feet below grade
- The amount of water applied for is .0045 second-feet
One second-foot equals 448.83 gals. per min.
 (a) If stored in reservoir give number of acre-feet _____
- The water to be used for temporary dewatering for remedial contamination clean-up
Irrigation, power, mining, manufacturing, domestic, or other use. Must limit to one use.
- If use is for:
 - Irrigation, state number of acres to be irrigated _____
 - Stockwater, state number and kinds of animals to be watered _____
 - Other use (describe fully under "No. 12. Remarks") See No. 12
 - Power:
 - Horsepower developed _____
 - Point of return of water to stream _____
- The water is to be diverted from its source at the following point NE 1/4 SW 1/4 Section 27, T.21S., R.61E.,
Describe as being within a 40-acre subdivision of public
M.D.B. & M. or at a point from which the C 1/4 corner of Section 28, T.21S., R.61E.,
survey, and by course and distance to a section corner. If on unsurveyed land, it should be so stated.
M.D.B. & M. bears N80°48'29"W a distance of 4029.64 feet (Extraction Well No.
112)
- Place of use NW 1/4 NW 1/4, SW 1/4 NW 1/4, NW 1/4 SW 1/4, SW 1/4 SW 1/4, a portion of the NE 1/4 NW 1/4, a portion
Describe by legal subdivision. If on unsurveyed land, it should be so stated.
of the SE 1/4 NW 1/4, a portion of NE 1/4 SW 1/4, and a portion of the SE 1/4 SW 1/4 of Section
27, T.21S., R.61E., M.D.M. & M.
- Use will begin about January 1 and end about December 31, of each year.
Month and Day Month and Day
- Description of proposed works. (Under the provisions of NRS 535.010 you may be required to submit plans and specifications of your diversion or storage works.) drilled extraction well, pump and stripper
State manner in which water is to be diverted, i.e. diversion structure, ditches and equipment
flumes, drilled well with pump and motor, etc. (1) extraction well \$2,500, air stripper \$7,500, electrical
One
- Estimated cost of works \$10,000, extraction equipment \$10,000

10. Estimated time required to construct works approximately 90 days
If well completed, describe works.
11. Estimated time required to complete the application of water to beneficial use 5 years
12. Remarks: For use other than irrigation or stock watering, state number and type of units to be served or annual consumptive use.

Three total fluid extraction pumps are being added to the system (MW-110, MW-121, and MW-112). One total fluids extractions pump (U5) is being eliminated from the system. This will make a total of six fluid extraction pumps operating simultaneously with the objective of remediating ground water contaminated with Jet Fuel "A". These extraction wells are MW-114, S-3, MW-117, MW-112, MW-121 and MW110. (See page 2)

Compared pm/jm bp/se

Protested _____

Mr. Ron Jack
 By Health, Safety and Environmental Manager
Shell Oil Company
s/Ron Jack
511 North Brookhurst Street
Anaheim, California 92803

APPROVAL OF STATE ENGINEER

This is to certify that I have examined the foregoing application, and do hereby grant the same, subject to the following limitations and conditions:

This Permit does not extend the permittee the right of ingress and egress on public, private or corporate lands.

The issuance of this permit does not waive the requirements that the permit holder obtain other permits from State, Federal and local agencies.

This permit is issued subject to existing rights on the source. It is understood that the amount of water herein granted is only a temporary allowance for pollution control as mandated by orders issued by the Nevada Division of Environmental Protection and subsequent correspondence with said agency. The right will cease to exist upon termination of clean up activity as determined by the Nevada Division of Environmental Protection. A totalizing meter must be installed and maintained in the discharge pipeline near the point of diversion and records of this measurement shall be submitted on an annual basis. It is also understood that this right must allow for a reasonable lowering of the static water level of permittee's well due to other ground water development in the area. The well shall be equipped with a 2-inch opening for measuring depth to water. If the well is flowing, a valve must be installed and maintained to prevent waste. The State retains the right to regulate the use of water granted herein at any and all times.

The amount of water to be appropriated shall be limited to the amount which can be applied to beneficial use, and not to exceed 0.0045 cubic feet per second, but not to exceed 1.06 million gallons annually.

Work must be prosecuted with reasonable diligence and be completed on or before September 21, 1992

Proof of completion of work shall be filed on or before October 21, 1992

Application of water to beneficial use shall be made on or before September 21, 1995

Proof of the application of water to beneficial use shall be filed on or before October 21, 1995

Map in support of proof of beneficial use shall be filed on or before N/A

Completion of work filed _____ IN TESTIMONY WHEREOF, R. MICHAEL TURNIPSEED, P.E.

Proof of beneficial use filed _____ State Engineer of Nevada, have hereunto set my hand and the seal of my

Cultural map filed _____ office, this 21st day of September,

Certificate No. _____ Issued _____ A.D. 19 90

[Signature]
 State Engineer

(01-5314 (Rev.)

CANCELLED FEB 15 1994
 OF APPLICANT TO COMPLY WITH THE PROVISIONS OF PERMIT
[Signature] STATE ENGINEER

Page 2

Extracted ground water will be treated by means of air stripping to below required contaminant levels and disposed of into the storm drain system.

Total project duration is currently estimated at five years.

The effectiveness of the recovery system and treatment system will be monitored as required by the State of Nevada, Department of Environmental Protection and other applicable agencies.